

Work Order ID 70190

Tuesday, May 31, 2011 9:50:07 AM



Page 1

Item ID: D2565-101

Accept



Setup Start



Revision ID:

Stop



Item Name: Strut

Start Date: 5/31/2011 Start Qty: 8.00



Cust Item ID:

Required Date: 6/3/2011 Req'd Qty: 8.00



Customer:

Reference:

Approvals: Process Plan: H Date: 11-05-31 Tooling: _____ Date: _____

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start



Stop



| Sequence ID/ Work Center ID | Operation Description | Set Up/ Run Hours | Tool ID | Tool # | Plan Code | Accept Qty | Reject Qty | Reject Number | Insp. Stamp |
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|

| Draw Nbr | Revision Nbr |
|----------|--------------|
| D2565 | Rev E |

| | | | | | | | | | |
|----------|--------------------------------------|------|--|--|--|--|--|--|--|
| 100 | Punch ends and deburr as per dwg | 0.00 | | | | | | | |
| | NC BRAKE | | | | | | | | |
| Brake NC | Memo | 0.00 | | | | | | | |
| Brake NC | Punch as per Dwg D2565 using DT 8313 | | | | | | | | |

SB 1165/31

8

| | | | | | | | | | |
|-----------|---|------|--|--|--|--|--|--|--|
| 110 | Small Fab | 0.00 | | | | | | | |
| | Small Fab | | | | | | | | |
| Small Fab | Memo | 0.00 | | | | | | | |
| Small Fab | Drill hole open to .316 Ø as per Dwg D2565 (one end only) | | | | | | | | |
| | Deburr | | | | | | | | |

SB 1166/01 8

| | | | | | | | | | |
|-----------------|---|------|--|--|--|--|--|--|--|
| 120 | QC5- Inspect part completeness to step on W/O | 0.00 | | | | | | | |
| | QC | | | | | | | | |
| Quality Control | Memo | 0.00 | | | | | | | |

SB 1166/01

8

| W/O: | | WORK ORDER CHANGES | | | | | | |
|------|------|--------------------|--|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | | |
| | | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | | |
|------|------|----------------------------------|----------------------|---------------------------------|-----------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action | | Section B | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | | Sign & Date | | | |
| | | | | | | | | | |
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NOTE: Date & initial all entries

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Required Date: 6/3/2011 Req'd Qty: 8.00

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop



| Sequence ID/ Work Center ID | Operation Description | Set Up/ Run Hours | Tool ID | Tool # | Plan Code | Accept Qty | Reject Qty | Reject Number | Insp. Stamp |
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|

130

White Gloss(Ref:4.3.5.2) per QSI005 4.3-Steel

0.00



Powdercoat

Memo

START TIME: 1:00
OVEN TEMPERATURE: 400 OF
FINISH TIME: 1:30

0.00

Powder Coating

N1116964

8x ~~0~~ M/L 11/06/01

140

QC3- Inspect Part Finish

0.00



QC

Memo

0.00

Quality Control

8 ~~0~~ M/L 11/06/01

150

Identify as per dwg & Stock Location: S1 270 0.00



Packaging

Memo

0.00

Packaging

ES 11/06/03 (S)

| W/O: | | WORK ORDER CHANGES | | | | | | |
|------|------|--------------------|--|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
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NOTE: Date & initial all entries

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Tuesday, May 31, 2011 9:50:07 AM



Page 3

Item ID: D2565-101

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Start Date: 5/31/2011 Start Qty: 8.00



Cust Item ID:

Required Date: 6/3/2011 Req'd Qty: 8.00



Customer:

Reference:

Approvals:

Process Plan: _____

Date: _____

Tooling: _____

Date: _____

Run Start



QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

160

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

11/6/11 JG
ME
11-06-03

| W/O: | | WORK ORDER CHANGES | | | | | | |
|------|------|--------------------|--|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
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NOTE: Date & initial all entries

Picklist Print

Tuesday, May 31, 2011 9:50:13 AM

Page 1

Work Order ID: 70190

Parent Item: D2565-101

Parent Item Name: Strut



Start Date: 5/31/2011

Required Date: 6/3/2011

Start Qty: 8.00

Required Qty: 8.00

Comments: IPP: F02.04.16 Added dwg Rev.C1 NG

| Component Item ID/ Item Name | Replacement Item ID | Mfg/ Purch | Bin Item | Primary Location | Last Location | Route Seq ID | Unit of Measure | Qty on Hand | Qty per Kit | Total Qty | Qty Issued | Date Issued | Status |
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|
| M304TR0.750W.049 | | Purchased | No | | | 100 | f | 204.0086 | 1.71 | 14.4 | | | |
| | | | | | | | | | | | | | |
| 304 RD Tube .750 x .049W | | | | | | | | | | | | | |



11/05/31

Location

Loc Qty

Loc Code

MAT017

204.00863

109314

9.333

111619

3

112187

4

112800

11

114852

2.75

116108

3

116720

1.833

117030

3.09263

117797

166

20

| W/O: | | WORK ORDER CHANGES | | | | | | |
|------|------|--------------------|--|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
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NOTE: Date & initial all entries

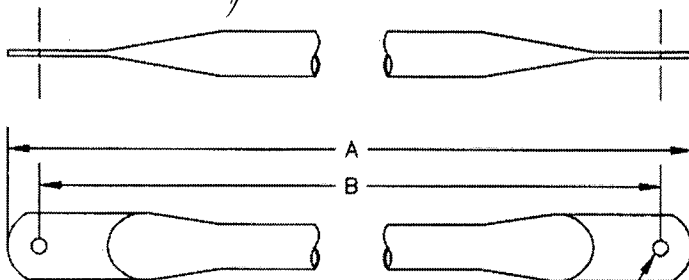


| | | | |
|----------------------------|-----------------------------|---|------------------------|
| DESIGN <i>[Signature]</i> | DRAWN BY <i>[Signature]</i> | DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA | |
| CHECKED <i>[Signature]</i> | APPROVED <i>[Signature]</i> | DRAWING NO. D2565 | REV. E SHEET 1 OF 1 |
| DATE 04.05.05 | | TITLE STRUT | SCALE 1:3 |
| A | 96.05.03 | NEW ISSUE | |
| B | 97.03.15 | CORRECT D2565-111 DIM. A | |
| C | 98.10.05 | UPDATED MATERIAL NOTE (TSR A603) | |
| D | 02.06.05 | ADD -3XX PARTS; ADD FINISH | |
| E | 04.05.05 | ADD D2565-401-411; RMV ANGLE D | |

RELEASED
04.05.05 *[Signature]*

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 70190

RP 11-05-31



DIA 0.257 TO BE PUNCHED
"C" DIA TO BE OPENED MANUALLY

PUNCH ENDS PER SPEC CONTROL DRAWING D2638

| PART # | A | B | DIA C |
|-----------|-------|-------|-------|
| D2565-101 | 20.52 | 19.72 | 0.316 |
| D2565-103 | 18.21 | 17.41 | 0.316 |
| D2565-105 | 20.19 | 19.39 | 0.316 |
| D2565-107 | 13.43 | 12.63 | - |
| D2565-109 | 12.31 | 11.51 | - |
| D2565-111 | 13.65 | 12.85 | - |
| D2565-201 | 22.79 | 22.00 | 0.316 |
| D2565-203 | 20.75 | 19.95 | 0.316 |
| D2565-205 | 21.22 | 20.42 | 0.316 |
| D2565-207 | 16.07 | 15.27 | - |
| D2565-209 | 15.16 | 14.36 | - |
| D2565-211 | 14.14 | 13.34 | - |
| D2565-301 | 27.03 | 26.23 | 0.316 |
| D2565-303 | 25.34 | 24.54 | 0.316 |
| D2565-305 | 23.73 | 22.93 | 0.316 |
| D2565-307 | 20.86 | 20.06 | - |
| D2565-309 | 20.17 | 19.37 | - |
| D2565-311 | 16.30 | 15.50 | - |
| D2565-401 | 18.29 | 17.49 | 0.316 |
| D2565-403 | 15.64 | 14.84 | 0.316 |
| D2565-405 | 19.45 | 18.65 | 0.316 |
| D2565-407 | 10.79 | 9.99 | - |
| D2565-409 | 9.34 | 8.54 | - |
| D2565-411 | 13.81 | 13.01 | - |

GENERAL NOTES

- 1) MATERIAL: AISI 304/316/318 SS 0.750 OD X 0.049 WALL
(REF DART SPEC. M304TR0.750W0.049)
ENSURE SEAMLESS TUBE IS USED
- 2) FINISH: POWDER COAT WHITE (4.3.5.2) PER DART QSI 005 4.3
- 3) TOLERANCES PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES

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